

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: Elochoman Lake Harvest Unit
2. Name of applicant: Pacific West Timber Co., LLC
3. Address and phone number of applicant and contact person: Kirk Hockett- 1555 Third Avenue, Suite E, Longview WA 98632
Phone: (360) 501-4431
4. Date checklist prepared: 8/17/04
5. Agency requesting checklist: Washington Department of Natural Resources
6. Proposed timing or schedule (including phasing, if applicable): Sometime in 2004 or 2005
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. NO

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Washington Forest Practice Application, Archaeological report, Hydraulic Project Approval.

- ARCHAEOLOGICAL REPORT WITH CHAP
- PROPOSAL IS WITHIN
THE NORTH COLUMBIA
WATERSHED ANALYSIS
- ROAD MAINTENANCE AND
ABANDONMENT PLAN
RSL
DNR

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. NO

- FOREST PRACTICES
APPLICATION
- HYDRAULIC PROJECT
APPROVAL?
RSL
DNR

10. List any government approvals or permits that will be needed for your proposal, if known.

Approved Forest Practices Application by DNR and Approved Hydraulics permit by WDFW (currently approved under log number GH-F5411-04). Approved Archaeological site plan.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Even-Aged harvest proposal of approximately 111 net acres with approximately 3,630' of forest road to be constructed.

TIMBER VOLUME IS
APPROX. 1,800,000 BF
RSL
DNR

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. Proposal is located in portions of SW4 SW4 Section 17 T10N R4W Cowlitz County Washington and Portions of NW4 NW4; SW4 NW4; SW4 NW4; SE4 NW4; SW4 NE4 Section 20 T10N R4W Cowlitz County Washington.

SEE ATTACHED MAP.
ALSO REFER TO
FPA # 2910311
RSL
DNR

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): **Flat**, rolling, hilly, **steep slopes**, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)? Approximately 90%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. Bear Prairie – Loper association: Dominately steep, well-drained soils that formed in volcanic ash and weathered basalt and ande-site; on uplands.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Yes, there are signs of instability within areas buffered out along creek K and J (see attached map).

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Approximately 750 cubic yards of rock will be brought in to rock a portion of new construction.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Minor erosion could occur from road and harvest activities such as in shovel tracks and where logs contact the soil during yarding.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? <1%

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: Site will be replanted with conifer post harvest.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. Some gasoline engine and diesel engine emissions during harvest operations.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

N/A

c. Proposed measures to reduce or control emissions or other impacts to air, if any: None

3. Water**a. Surface:**

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. As indicated on the attached map there are three type A wetlands (A, B, C) including Elochoman Lake. There is one type B Wetland (D) and two forested wetlands (E, F). There are a total of five type three perennial streams (G, H, I, J, K) and two type five seasonal streams (L, M). All water flows into the Elochoman River.

REFER to
FPM # 2910311
RSH
DNL

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. See attached map. Cables may be hung across stream L.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. N/A

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. N/A

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. No.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. No

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. N/A

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. Generally no additional runoff is anticipated.

2) Could waste materials enter ground or surface waters? If so, generally describe. Potentially gas or oil could enter soil in the case of a spill.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: Logging and construction crews carry spill kits to contain spills.

4. Plants

a. Check or circle types of vegetation found on the site:

☒ deciduous tree: **alder**, maple, aspen, other

☒ evergreen tree: **fir, cedar, pine, hemlock**, other

☒ shrubs

☒ grass

☐ pasture

☐ crop or grain

☒ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

☐ water plants: water lily, eelgrass, milfoil, other

☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Approximately 1,800 MBF of firs, cedar, hemlock, and alder timber is planned to be removed

c. List threatened or endangered species known to be on or near the site.

None

*TRAX Run
No low flow
Rst
Duck*

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance

vegetation on the site, if any: RMZ's and WMZ's are to be left and the harvested ground is to be replanted with native timber species.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk**, heron, eagle, **songbirds**, other:

mammals: **deer, bear, elk, beaver**, other:

fish: bass, salmon, **trout**, herring, shellfish, other:

b. ~~Library documents and papers found in the room of the late. None~~

*Take Run
no further
FBI
one*

c. Is the site part of a migration route? If so, explain. No

d. Proposed measures to preserve or enhance wildlife, if any: None

6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. N/A

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. N/A

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. Small risk of diesel/gas spill and fire.

1) Describe special emergency services that might be required. Fire suppression, ambulance.

2) Proposed measures to reduce or control environmental health hazards, if any: Fire suppression equipment and spill kits will be on-site during harvest activities.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? Heavy equipment noise during harvest activities.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. Short-term noise will be developed during harvesting and road construction from daylight to approximately 5pm.

3) Proposed measures to reduce or control noise impacts, if any: None

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Timberland
- b. Has the site been used for agriculture? If so, describe. Timber production.
- c. Describe any structures on the site. Small possible hunting shack.
- d. Will any structures be demolished? If so, what? Small possible hunting shack.
- e. What is the current zoning classification of the site? Timberlands
- f. What is the current comprehensive plan designation of the site? Timber production
- g. If applicable, what is the current shoreline master program designation of the site? N/A
- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. No
- i. Approximately how many people would reside or work in the completed project? About 10 people would work on-site during operations.
- j. Approximately how many people would the completed project displace? Zero
- k. Proposed measures to avoid or reduce displacement impacts, if any: None

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Proposal is consistent with current land classifications.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
N/A
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
N/A
- c. Proposed measures to reduce or control housing impacts, if any:
N/A

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? N/A
- b. What views in the immediate vicinity would be altered or obstructed?
Views would be enhanced with no obstructions.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
None

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? N/A
- b. Could light or glare from the finished project be a safety hazard or interfere with views? No
- c. What existing off-site sources of light or glare may affect your proposal? N/A
- d. Proposed measures to reduce or control light and glare impacts, if any: None

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Hunting, fishing, mountain biking.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Recreation could be enhanced by the project.

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

Yes, worked with archaeologist to develop plan. Plan is on file at The Office of Archaeology and Historic Preservation in Olympia.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

See plan filed at The Office of Archaeology and Historic Preservation in Olympia.

- c. Proposed measures to reduce or control impacts, if any: See plan filed at The office of Archaeology and historic Preservation in Olympia.

*TRAX RAIL
PREVIOUSLY ANNOTATED
SITE @ [unclear] CALLED
R34
DUE*

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. There is no public access.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No. The nearest transit stop is approximately 21 miles.

- c. How many parking spaces would the completed project have? How many would the project eliminate? Zero.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). Yes, approximately 3,630 feet of logging road is to be constructed.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

About 15 trips per day of log truck traffic and logging crew traffic until project is complete.

g. Proposed measures to reduce or control transportation impacts, if any: N/A

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No

b. Proposed measures to reduce or control direct impacts on public services, if any. None

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. None

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. None

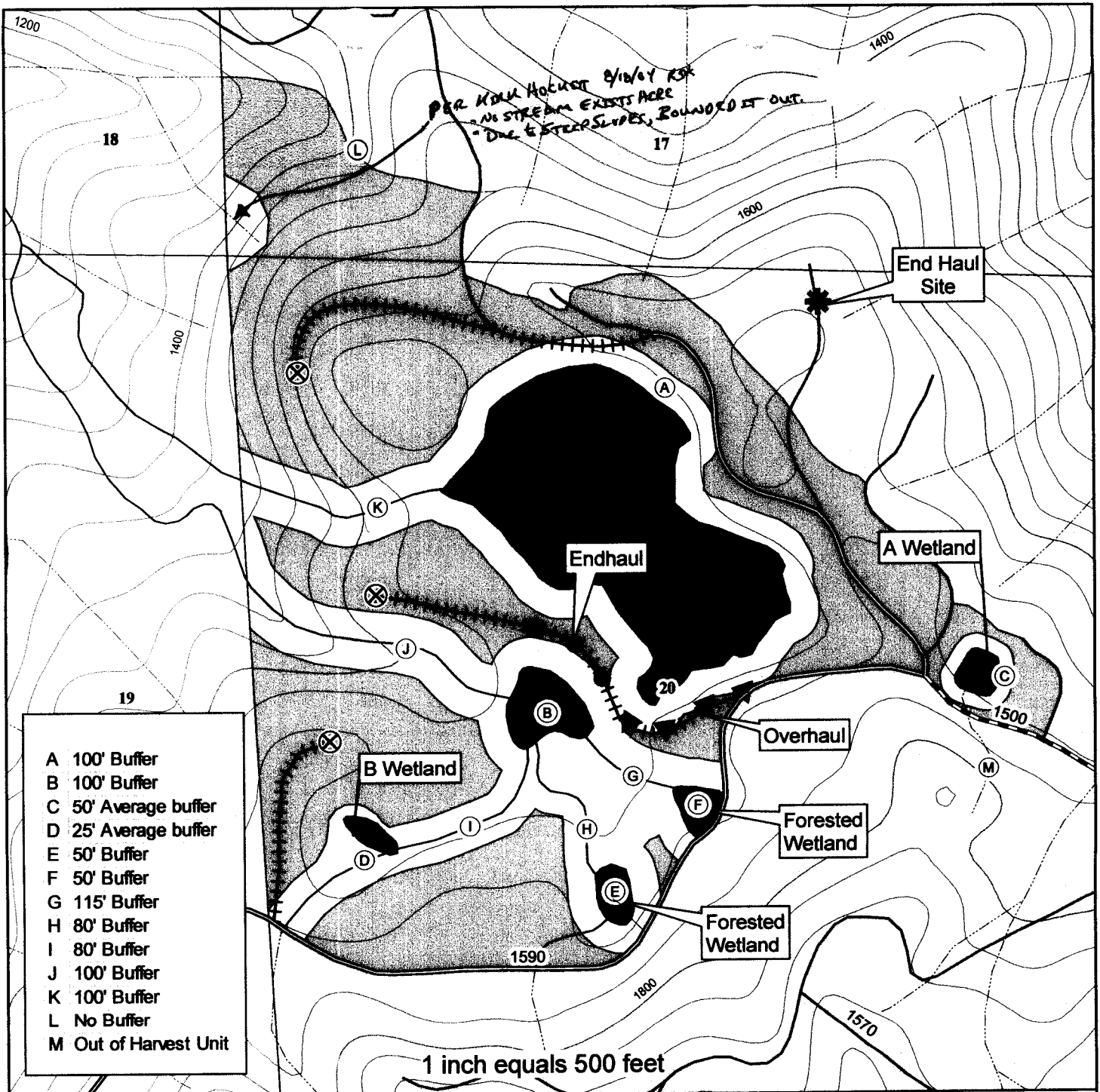
C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Rex J. Hapala

Date Submitted: 8/18/04

REVIEWED BY: Rex J. Hapala RJH
DATE: 8/18/04



Unit Name: Elochoman Lake

Section 20, T10N-R4W

0 375 750 1,500 Feet

**Pacific West Timber Co
May 2004**



	Clearcut (62ac)
	RMZ (31ac)
	Ponds/Wetlands (18ac)
	Landings
	Streams
	Roads
	New Road Construction (3630')
	PWT Ownership